

STEEL

an LTV company

US EPA RECORDS CENTER REGION 5



466033

MAY 19 10 15 AM '83
DIR. OF LAND POLLUTION CONTROL
STATE BOARD OF HEALTH

Indiana Harbor Works

May 16, 1983

Mr. George Oliver, Chief
Special Projects Section
Division of Land Pollution Control
Indiana State Board of Health
1330 West Michigan Street
Indianapolis, Indiana 46206

Re: Special Waste Approval Update
Gary Development Landfill

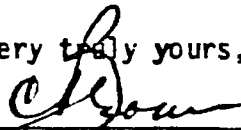
Dear Mr. Oliver:

This updates my letter of May 5, 1983. We are requesting renewals of our permits to dispose of titzel unit oil sludge at Gary Development and Wheeler Landfills.

Enclosed find copies of our applications and approvals for disposal of the oil sludge at CID and Wheeler. All the information contained therein is still applicable. We disposed of 3,086 yards of oil sludge at Gary Development Landfill during 1983.

Should you require any additional information, feel free to contact Charles Epstein at 219/391-2578.

Very truly yours,


C. Broman

CB:sb

encs.



A 43293

WASTE PROFILE SHEET CODE



GENERATOR'S WASTE MATERIAL PROFILE SHEET

GENERAL DIRECTIONS: In order for us to determine whether we can lawfully, safely and environmentally transport, store, treat or dispose of your waste stream, we must ask certain information about your waste. All of the information we seek is necessary, for our purposes and yours. Be complete in your answers: if your response is "none," so indicate. Answers must be in ink or typewritten. Information you provide will be maintained in strictest confidence. Please make a copy of this form for your records, returning the original to the location indicated below.

THIS FORM AND ANY SUPPLEMENTAL INFORMATION SHOULD BE RETURNED TO:

- GENERATOR NAME: J & L Steel Corp.
- GENERATING FACILITY NAME/ADDRESS/USEPA FACILITY I.D. NUMBER (IF ANY): IND005462601
3001 Dickey Road
East Chicago, Indiana 46312
- COMPANY CONTACTS:
GENERAL Chuck Epstein TITLE Envr. Engr. PHONE 219-391-2578
TECHNICAL Same TITLE _____ PHONE _____
TITLE _____ PHONE _____
- WASTE NAME Titze! unit oil sludge
- PROCESS GENERATING WASTE: Titze! unit
- WASTE CHARACTERISTICS:
A. PHASES/LAYERS: BILAYERED ☒ MULTILAYERED ☐ NONE ☐
B. PHYSICAL STATE AT 70°F: SOLID ☐ SEMI-SOLID ☒ LIQUID ☐
POWDER ☐ OTHER: _____
C. SOLIDS: TOTAL (%): 50 TOTAL DISSOLVED (ppm or %): NR
D. SPECIFIC WEIGHT (AS # PER UNIT): 13#/gal.
E. pH: 5-8 (Show the following as range of %)
AS: H₂SO₄ _____ % H₃PO₄ _____ %
HCl _____ % NaOH _____ %
HF _____ % NH₄OH _____ %
HNO₃ _____ % Ca(OH)₂ _____ %
OTHER: _____ % _____ %
F. FLASH POINT: *NR °F (CLOSED CUP TEST ONLY)
G. VAPOR PRESSURE (in mm of Hg at 25°C): NR
H. BTU PER #: NR ASH CONTENT NR %
I. CHARACTERISTIC COLOR Black DISTINCTIVE ODOR Oil
J. HALOGENATED? No % SULFONATED? No %
K. ALPHA RADIATION AS pCi/l: No

7. WASTE COMPOSITION.

A. ORGANIC COMPONENTS (WITH RANGES — INDICATE WHETHER % OR ppm)

<u>NR</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>

(ATTACH ADDITIONAL PAGES IF NECESSARY)

DOES THIS WASTE CONTAIN ENDRIN, LINDANE, METHOXYCHLOR, TOXAPHENE, 2,4-D, 2,4,5-TP SILVEX, OR ANY OTHER ORGANIC COMPOUNDS LISTED BY USEPA AT 40 CFR 261.24? no IF SO, PLEASE NOTE ABOVE.

B. HEAVY METALS (WITH ppm RANGES):

TOTAL		TOTAL LEACHABLE		TOTAL		TOTAL LEACHABLE	
Ag	NR	< 0.010	EP	Hg	NR	< 0.0005	EP
As	NR	< 0.001	EP	Ni	NR	NR	
Ba	NR	< 0.10- 0.70	EP	Pb	NR	< 0.4	EP
Cd	NR	< 0.010	EP	Se	NR	< 0.002	EP
Cr	NR	< 0.060	EP	Zn	NR	NR	
Cu	NR	NR		Other (ATTACH ADDITIONAL PAGES)			

(IF YOU HAVE DETERMINED TOTAL LEACHABLES USING USEPA'S "EP TOXICITY TEST PROCEDURE" — AT 40 CFR, PART 261, APPENDIX II — SO INDICATE BY MARKING "EP" AFTER THE RESULT SHOWN ABOVE.)

C. INORGANIC COMPONENTS (WITH % RANGES):

OTHER

TOTAL CYANIDE	NR — %	NR	— %
FREE CYANIDE	NR — %	—	— %
SULFIDE AS:	NR — %	—	— %
BISULFITE AS:	NR — %	—	— %
SULFITE AS:	NR — %	—	— %

(ATTACH ADDITIONAL PAGES IF NECESSARY)

D. DOES THIS WASTE STREAM CONTAIN BIOLOGIC MATERIALS, PATHOGENS, OR ETIOLOGICAL AGENTS? no IF SO, ATTACH ADDITIONAL PAGES DESCRIBING SUCH MATERIALSE. IS THE WASTE A PESTICIDE OR PRODUCED BY A PESTICIDE MANUFACTURING PROCESS? no IF SO, INDICATE WHETHER IT CONTAINS:

- ☐ ORGANOPHOSPHATES — CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

8. HAZARDOUS COMPONENTS AND CHARACTERISTICS

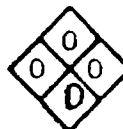
A. HAZARDOUS PROPERTIES (INSERT NUMBER CODES PER INSTRUCTIONS ON LAST PAGE)

(1) TOXICITY RATING: INHALATION 0 DERMAL 0 ORAL 1

Flammability

(2) HAZARD IDENTIFICATION SYSTEM:

Health



Reactivity

Special Instructions

B. LIST ANY OTHER ACUTE OR CHRONIC HAZARDS ASSOCIATED WITH OR ALLEGED TO BE ASSOCIATED WITH HUMAN CONTACT WITH OR EXPOSURE TO THE WASTE: None

9. REGULATORY CLASSIFICATION OF WASTE

A. IS THIS WASTE A "HAZARDOUS MATERIAL" AS DEFINED BY REGULATIONS OF THE U.S. DEPARTMENT OF TRANSPORTATION PURSUANT TO THE HAZARDOUS MATERIALS TRANSPORTATION ACT? NO
(SEE 49 CFR 172.101 AND 173 FOR "HAZARDOUS MATERIALS" LIST AND CHARACTERISTICS.) IF SO, PLEASE ADVISE OF THE FOLLOWING:

- (1) CORRECT SHIPPING DESCRIPTION: _____
(2) HAZARD CLASS(ES): _____
(3) MATERIAL I.D. NO.(S) _____

B. DOES THIS WASTE CONTAIN ANY "HAZARDOUS SUBSTANCE" AS DEFINED BY REGULATIONS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY PURSUANT TO SECTION 311 OF THE CLEAN WATER ACT? NO
(SEE 40 CFR 117 FOR "HAZARDOUS SUBSTANCES" AND CATEGORIES.) IF SO, PLEASE ADVISE OF THE FOLLOWING:

- (1) THE NAMES OF EACH HAZARDOUS SUBSTANCE PRESENT IN THE WASTE, THE HAZARD CATEGORY (X, A, B, C OR D) AND THE APPROXIMATE CONCENTRATION OF THE SUBSTANCE BY WEIGHT IN THE WASTE:

(ATTACH ADDITIONAL PAGES IF NECESSARY)

C. IS THIS WASTE A "HAZARDOUS WASTE" AS DEFINED BY REGULATIONS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY PURSUANT TO SECTION 3001 OF THE RESOURCE CONSERVATION AND RECOVERY ACT? NO (SEE 40 CFR, PART 261 FOR WHAT IS A "HAZARDOUS WASTE.") IF SO, STATE:

- (1) THE USEPA HAZARDOUS WASTE NUMBER(S): _____
(2) DO YOU CLAIM TO BE A SMALL QUANTITY GENERATOR? _____ (SEE 40 CFR 261.5.)

D. IS THIS WASTE A "HAZARDOUS WASTE" AS DEFINED BY THE ENVIRONMENTAL REGULATORY AGENCY IN YOUR STATE? NO IF SO, STATE WHY IT IS SO DEFINED AND ANY STATE HAZARDOUS WASTE CODE NUMBERS ASSIGNED. _____

10. IS THE INFORMATION PROVIDED IN SECTIONS 6-5 BASED UPON LABORATORY ANALYSIS OF THE WASTE MATERIAL? yes IF SO, PLEASE ADVISE OF THE DATE OF THE MOST RECENT ANALYSIS: 7-27-81

11. HAVE YOU OBTAINED TOXICITY STUDIES OF THIS WASTE STREAM? NO IF SO, PLEASE ATTACH A COPY OF THE RESULTS.

12. QUANTITY/SHIPPING REQUIREMENTS:

ANTICIPATED VOLUME IS: 16,000

GALLONS ☒ TONS ☐ CUBIC YARDS ☐ DRUMS ☐ OTHER ☐ _____

PER: DAY ☐ WEEK ☒ MONTH ☐ YEAR ☐ ONE TIME ☐

TRANSPORTATION EQUIPMENT REQUIRED: _____

SERVICE/SCHEDULING REQUIREMENTS: _____

GENERATOR'S
AUTHORIZED SIGNATORY:



TITLE Env. Control DATE 4-23-82

CONFIDENTIALITY AGREEMENT: _____

as consideration for the Generator's release of the above information, and any other supplemental data provided, agrees to treat such information as confidential property and will not disclose such information to others except as is required by law, and in such circumstances only after first giving notice to the Generator.

By: _____

Name

Title



Chemical Waste Management, Inc.
128th Street and Calumet Expressway
P.O. Box 1296 • Calumet City, Illinois 60409 • 312/891-1500

FOR OFFICE USE ONLY
SAMPLE INFORMATION

Date Rec'd. _____
Date Logged _____
Rec'd By _____
CWM Lab No. _____

CONTACT REPORT

Date April 23, 1982

WASTE GENERATOR

Name JONES & LAUGHLIN STEEL CORP.
Address 3001 DICKEY ROAD
City EAST CHICAGO County LAKE State INDIANA Zip 46312
SIC Code (Standard Industrial Classification) 3312 Ill. E.P.A. Generator No. 9180890085G
U.S. E.P.A. Generator No. IND005462601
General Contact Chuck Epstein Title Envr. Engr. Phone: A.C. (219) 391-2578
Technical Contact SAME Title _____ Phone: A.C. () _____
Waste Identification: Titzel Unit Oil Sludge
U.S. E.P.A. Hazardous Waste Number (If Hazardous): Non-Hazardous
Solid _____ Semi-Solid X Liquid _____ Other _____
Type of Process Sludge and oil removal from 6-stand rolling mill
Waste Volume & Frequency 74 cu. yds./week Bulk ☒ Drums ☐
Actions Indicated: Analyze ☐ Permit ☒ Landfill Site Requested CID and Wheeler

HAULER:

Name Industrial Disposal Corp.
Address P.O. Box 59
City East Chicago County Lake State Indiana Zip 46312
Phone: Area Code (219) 397-2664 Contact Person Dan McArdle
Ill. E.P.A. Hauler Registration No. 04021001-100 U.S. E.P.A. Hauler No. IND004250587

NOTE: All above information to be completed prior to any action taken. Incomplete reports or improper samples will be disposed of after 15 days.

Applicant to be responsible for payment of necessary laboratory and permitting fees.

Signature Charles Epstein

Title 4/23/82
Envr. Engr.



Waste Management, Inc.
3003 Butterfield Road • Oak Brook, Illinois 60051

June 29, 1982

Ms. Mary Janet Roe
Solid Waste Management Section
Division of Land Pollution Control
Indiana State Board of Health
1330 W. Michigan Street
Indianapolis, IN 46204

RE: Disposal of Titzel Unit Oil Sludge from Jones & Laughlin Steel Corp., East Chicago, Indiana at Wheeler Landfill

Dear Mary Janet,

This is a request for approval to dispose of approximately 80 cubic yards per week (16,000 gallons) of titzel unit oil sludge from Jones & Laughlin Steel. We would like to dispose of the material by incorporating it into the daily receipts at Wheeler Landfill.

Attached is a Special Waste Analysis Report for the material to be disposed. The waste is generated from precipitation of solids from a titzel unit. The waste consists of predominantly lubricant, dirt and mill scale originating at the cold reduction rolling mill. This solid to semi-solid material is currently permitted at the Gary Land Development Site.

Thank you for your consideration of this request. If you need any additional information, please feel free to call me at (312) 654-8800.

Very truly yours,

William R. Schubert

William R. Schubert
District Engineer
Midwest Region

WRS:mss

Attachment

cc: Chuck Grigalauski
Dan Nelson
Bill Rauch
Jerry Wise

bcc: ~~Frank~~ Epstein

SPECIAL WASTE ANALYSIS REPORT

SALES

CODE

CAL

A43293

19:

LABORATORY: Chemical Waste Management

WASTE PROFILE SHEET CODE

PROFILE SHEET RECEIVED ON: 4/15/82 Technical Center REPRESENTATIVE SAMPLE RECEIVED ON: 4/22/82

CERTIFICATE OF REP. SAMPLE RECEIVED: 4/22/82 SAMPLE TAKEN: 3/23/82

PROPOSED TREATMENT/DISPOSAL FACILITY: CIA / Wabash

THE ANALYSES BELOW REPORTED WERE SELECTED BY ME, BASED UPON THE GENERATOR'S REPRESENTATIONS IN THE PROFILE SHEET AND ANY APPLICABLE WASTE ANALYSIS PLAN ESTABLISHED BY THE PROPOSED FACILITY FOR WASTE OF THIS TYPE. ANALYSES REQUIRED BY A WASTE ANALYSIS PLAN ARE INDICATED BY AN ASTERISK (*).

DATE OF ANALYSIS: 5-7-82 LAB MANAGER: John W. Kellogg

16772 James L. Loughlin Steel Corp.

Test	As Received	Leachate	E.P. Toxicity	Test	As Received	Leachate	Analyst Initials
Specific Gravity							
pH	<u>10% solution 5.0</u>						
Acidity, % as							
Alkalinity, % as				Phenols, mg/l	<u>210.0</u>		
C.O.D., mg/l				Cyanides, as CN, Total, mg/l	<u>210.0</u>		
B.O.D., mg/l				Cyanides, as CN, Free, mg/l			
Total Solids @ 105°C	<u>75.94%</u>			Nitrogen, Ammonia as N, mg/l			
Total Dissolved Solids, mg/l				Nitrogen, Organic as N, mg/l			
Total Suspended Solids	<u>75.94%</u>			Total Kjeldahl Nitrogen, as N, mg/l			
Residue on Evaporation @ 180°C							
Fast Flow P	<u>2212</u>			Total Alkalinity (P), as CaCO ₃ , mg/l			
As Corros. or Ignor.	<u>10.0%</u>			Total Alkalinity (M), as CaCO ₃ , mg/l			
Heating Value BTU/lb				Total Hardness, as CaCO ₃ , mg/l			
"Acc. Solub." gms/lb				Calcium Hardness, as CaCO ₃ , mg/l			
				Magnesium Hardness, as CaCO ₃ , mg/l			
Arsenic as AS, mg/l	<u>0.60</u>		<u>≤ 0.04*</u>				
Barium, as Ba, mg/l	<u>25.4</u>		<u>≤ 1.65*</u>				
Boron, as B, mg/l				Oil and Grease, mg/l			
Cadmium, as Cd, mg/l	<u>1.98</u>		<u>≤ 0.13*</u>				
Chromium, Total as Cr, mg/l	<u>41.9</u>		<u>≤ 2.32*</u>				
Hexavalent Chromium @ Cr, mg/l				Aldrin, mg/l			
Copper, as Cu, mg/l	<u>231</u>			Chlordane, mg/l			
Iron, Total as Fe, mg/l				DDTs, mg/l			
Iron, dissolved, as Fe, mg/l				Dieldrin, mg/l			
Lead, as Pb, mg/l	<u>379</u>		<u>0.02</u>	Endrin, mg/l			
Manganese, as Mn, mg/l				Heptachlor, mg/l			
Magnesium, as Mg, mg/l				Lindane, mg/l			
Mercury, as Hg, mg/l	<u>0.005</u>		<u>≤ 0.005*</u>	Methoxychlor, mg/l			
Nickel, as Ni, mg/l	<u>52.6</u>			Toxaphene, mg/l			
Selenium, as Se, mg/l	<u>0.75</u>		<u>≤ 0.05*</u>	Parathion, mg/l			
Silver, as Ag, mg/l	<u>0.92</u>		<u>≤ 0.06*</u>	2,4, D, mg/l			
Zinc, as Zn, mg/l	<u>109</u>			2,4,5, TP (Silvex), mg/l			
				PCBs, mg/l			
Bicarbonates, as HCO ₃ , mg/l							
Carbonates, as CO ₃ , mg/l							
Chlorides, as Cl, mg/l							
Fluorides, as F, mg/l							
Nitrate, as NO ₃ , mg/l							
Nitrite, as NO ₂ , mg/l							
Phosphate, as P, mg/l							
Sulfate, as SO ₄ , mg/l							
Sulfides, as S, mg/l	<u>Dissolved 120</u>						

This report has been prepared for the exclusive use and benefit of Chemical Waste Management, Inc. No representation

ORIGINATOR REQUEST FOR DECISION.

WASTE PROFILE SHEET NUMBER

PROPOSED TREATMENT/DISPOSAL FACILITY
Wheeler Landfill

ORIGINATOR NAME: CHUCK EPSTEIN

WASTE COMPANY: J & L STEEL

PROPOSED TRANSFER FACILITY (IF ANY)

DATE: 6-28-87

RELIMINARY FINDINGS.

THE ABOVE PROFILE SHEET (OR WRITTEN DESCRIPTION) HAS BEEN REVIEWED. I FIND IT IS:

- ☒ COMPLETE AND CONTAINS SUFFICIENTLY CERTAIN WASTE DESCRIPTION TO ENABLE ITS PROPER CLASSIFICATION, SAFE HANDLING, AND SUBSEQUENT DETERMINATIONS OF CONFORMITY OR NON-CONFORMITY.
☐ INCOMPLETE OR INSUFFICIENT FOR THE REASONS NOTED ON THE PROFILE SHEET (OR WRITTEN DESCRIPTION).

A. SPECIAL WASTE ANALYSIS REPORT ☐ HAS ☐ HAS NOT BEEN PREPARED. I HAVE DETERMINED:

- ☐ ADDITIONAL ANALYSES OR INFORMATION ARE NEEDED, AS NOTED ON THE REPORT FORM.
☐ SAMPLE DOES NOT CONFORM TO PROFILE SHEET DESCRIPTION, AS NOTED ON FORM.
☒ ANALYSIS IS SUFFICIENT, AND SAMPLE CONFORMS TO PROFILE SHEET DESCRIPTION.
☐ AN ANALYSIS IS NOT NECESSARY ACCORDING TO COMPANY POLICY _____
(IDENTIFY POLICY EXCEPTION.)

ON THE BASIS OF THE PROFILE SHEET AND ANALYSIS REPORT (IF REQUIRED), I FIND: (CHECK ONE MAIN BOX)

- ☐ THE WASTE IS REGULATED AS HAZARDOUS ☐ BY USEPA (HAZARDOUS WASTE NO. _____) AND/OR
C. BY THE STATE IN WHICH THE TREATMENT/DISPOSAL FACILITY IS LOCATED.
☐ THE WASTE IS NOT REGULATED AS HAZARDOUS, BUT SHOULD BE SO TREATED FOR PURPOSES OF COMPANY
POLICY, BECAUSE: _____
☒ THE WASTE IS ~~NOT~~ REGULATED BY THE DISPOSAL FACILITY STATE AS NON-HAZARDOUS SPECIAL WASTE.
☐ THE WASTE IS NOT REGULATED AS HAZARDOUS OR NON-HAZARDOUS SPECIAL WASTE.

DISPOSAL DECISION. BASED UPON MY EVALUATION OF THE WASTE AND THE FACILITY, I CONCLUDE:

- ☒ THE SPECIAL WASTE IS TECHNICALLY ACCEPTABLE FOR TREATMENT/DISPOSAL AT THE PROPOSED FACILITY
BEGINNING IMMEDIATELY USING THE FOLLOWING METHOD(S):

CO-DISPOSAL

ADDITIONAL CONDITIONS:

STATE PERMIT PENDING

- ☐ FACILITY IS ALREADY FULLY PERMITTED (OR AUTHORIZED) TO RECEIVE THE WASTE.
☒ NECESSARY PERMIT APPLICATIONS HAVE BEEN FILED. ALLOW 30 DAYS TO OBTAIN PERMIT.
☐ FACILITY IS NOT NOW PERMITTED. ORIGINATOR SHOULD PROVIDE ME WITH INSTRUCTIONS TO FILE
NECESSARY APPLICATIONS AND ALLOW _____ DAYS TO OBTAIN PERMIT.

- ☐ THE SPECIAL WASTE IS TECHNICALLY UNACCEPTABLE AT THE PROPOSED FACILITY BECAUSE:

DATE: 6-28-87

COMPLETED BY FACILITY ☐ TECHNICAL MGR. ☒ REGIONAL ENGINEER

NAME: William Schubert

SIGNATURE: William Schubert

DISPOSAL DECISION APPROVAL OR REJECTION BY FACILITY GENERAL MANAGER.

- ☐ I WILL ACCEPT THE SPECIAL WASTE DESCRIBED IN THE PROFILE SHEET, ON THE ABOVE CONDITIONS.
☐ I WILL ACCEPT THE WASTE, BUT ONLY ON THE FOLLOWING ADDITIONAL CONDITIONS: _____

- ☐ I WILL NOT ACCEPT THE WASTE UNDER ANY CONDITIONS.

TE: _____

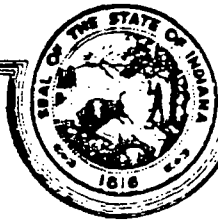
SIGNATURE: _____

TRANSFER STATION DECISION. I HAVE REVIEWED THE PROFILE SHEET AND ANALYTICAL REPORT.

- ☐ THE WASTE MAY BE RECEIVED AT THE ABOVE TRANSFER FACILITY BEGINNING _____
☐ THE WASTE MAY NOT BE RECEIVED BECAUSE _____

SIGNATURE: _____

STATE OF INDIANA



INDIANAPOLIS, 46206

ENVIRONMENTAL MANAGEMENT BOARD

JUL 27 1982

1330 West Michigan Street
P. O. Box 1964

Mr. Jerry Wise
Indiana Waste Systems, Inc.
P.O. Box 181
Wheeler, IN 46393

Dear Mr. Wise:

Re: Disposal of Titzel Unit Oil Sludge from
Jones & Laughlin Steel Corp.
East Chicago, Indiana

This letter acknowledges the request for disposal dated June 29, 1982, from Waste Management, Inc., Oak Brook, Illinois.

Approval is hereby granted for disposal of 80 cubic yards per week of titzel unit oil sludge at the Wheeler Landfill, OPP. No. G4-3, Porter County. The waste is to be mixed with solid waste and covered with a minimum of 6 inches of cover soil by the end of the working day.

The approval is granted subject to the following conditions:

1. The generator and/or hauler must contact you to notify you of the time of disposal and conditions of shipment.
2. If nuisance or pollution conditions are created, immediate corrective action will be taken by the operator.
3. No free liquids can be accepted.
4. This approval will expire July 31, 1983.

This approval will be revoked if the landfill fails to maintain compliance with 320 IAC 5-1, et seq. (Regulation SPC-18). Any necessary local approval must be obtained from the Porter County Health Department.

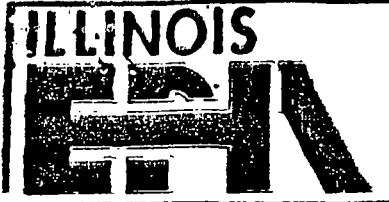
If you have any questions, please contact Mrs. Mary Janet Ruzicka of the Solid Waste Management Branch at 317/633-8527.

Very truly yours,

Ralph C. Pickard
Technical Secretary

MJR

cc: Mr. William Schubert, Waste Management, Inc.
Jones & Laughlin Steel Corp. ✓
Mr. Jack Slaboski, Industrial Disposal Corp.
Porter County Health Department



Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

217/782-6760

JULY 28, 1982

APPLICATION RECEIVED: 06/29/82

PERMIT NUMBER: 021303-03160030

PERMIT ISSUED TO: CIO CORPORATION

P.O. BOX 1384

CALUMET CITY, IL 60409

DATE STEAM NUMBER: 021303

PERMIT EXPIRES: 07/21/85

WASTE NAME: TITZEL JET FILL

P.O. BOX 129

CALUMET CITY, IL 60409

WASTE NAME: TITZEL JET FILL

WASTE CLASSIFICATION: HAZARDOUS - SUBJECT TO REG.

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS.

DISPOSAL SITE: CHICAGO/210 22

PERMIT NO.: 03160030

ANNUAL VOLUME AUTHORIZED:

5,000 CY TO YARDS

DISPOSITION OF WASTE:

SOLID WASTE (SOLID, LIQUID, POWDER, - MIXED WITH DAILY WASTE
OR REFUSE ABOVE GRANT (CONCRETE))

ATTENTION: CHUCK EMBERT

PERMIT NO.: 03160030

WASTE GENERATOR: JAMES R. LAUGHLIN

3001 BICKLEY AVE

EAST CHICAGO, IL 60642

TELEPHONE

THOMAS L. CAVANAGH, JR.

CC: JAMES R. LAUGHLIN
REGION: 3

by *Ferry G. Ayers*
MANAGER, PERMIT SECTION
DIVISION OF LAND POLLUTION CONTROL